

Alaska Energy Cost Reduction Program Progress Report

Grantee: Alaska Power Company (a/k/a Alaska Power and Telephone Company)

Project Name: APC Mergers and Consolidation Project, Prince of Wales Island
(POW Upgrades)

Grant # 0073-DC-2002-I26

Period of Report: Fourth Quarter 2005 (October 1 through December 31, 2005)

Project activities completed:

- The Klawock Over Current Protection (OCP) was completed and implemented in July 2003
- The Kasaan Switchgear upgrade was completed in 2002
- The removal of abandoned TV cable in Klawock was completed in 2002
- The insulation of the power plant building in Kasaan was completed in 2002.
- Raptor protection installation completed on Harbor View Drive in 2002.
- Replacement of undersized poles from Klawock to the POW Hatchery was completed in March of 2003.
- Three phase power extensions to three customers were completed in 2002
- Right-of-way issues were resolved and the Re-route of Anchorage Ave was completed March 2004
- Replacement of deteriorated poles in Klawock was completed in March 2004
- Replacement of 480-volt overhead distribution system was completed in August 2004

Project existing or potential problems:

None

Activities targeted for Next Reporting Period, First Quarter 2006:

The only work remaining on the Thorne Bay upgrades is rebuilding the non-compliant electrical substation at the power plant. Materials have been ordered and work should be completed by quarter end.

Kasaan replacement materials need to be order for the deteriorated underground primary voltage cables. The investigative work will be done this quarter and materials ordered. The actual replacement will be scheduled for the Second Quarter of 2006 as weather allows.